

December 21, 2007

TO: Members of the MAG Specifications and Details Committee

FROM: Robert Herz, Maricopa County DOT, Chairman

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF AGENDA

Wednesday, January 2, 2008 at 1:30 p.m.
MAG Office, Second Floor, Cholla Room
302 North First Avenue, Phoenix

The meeting of the MAG Specifications and Details Committee will be held at the place and time indicated above. The agenda for the meeting is provided below. **Please park in the garage under the building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.** Please call me at (602) 506-4760 if you have questions about the upcoming meeting.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Gordon Tyus at the MAG Office at (602) 254-6300. Requests should be made as early as possible to allow time to arrange the accommodation.

AGENDA

<u>ITEM</u>	<u>COMMITTEE ACTION REQUESTED</u>
1. <u>Call to Order</u>	1. No action required.
2. <u>Approval of Oct , 2007 Meeting Minutes</u>	2. Corrections and approval of Oct, 2007 minutes.
3. <u>2007 & 2008 Cases</u>	3. Review the status of continued cases and submission of new cases.
4. <u>General Discussion</u>	4. For information and discussion.
5. <u>Adjournment</u>	5. No action required.

MEETING MINUTES FROM THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

October 3, 2007

Maricopa Association of Governments Office, Cholla Room
302 North First Avenue
Phoenix, Arizona

AGENCY MEMBERS

- | | |
|---|--|
| ✓ Charles Andrews for Jim Badowich,
Avondale | Gordon Haws, Mesa |
| Steven Borst, Buckeye | * Jesse Gonzalez, Peoria |
| ✓ Karen DeMember for David Fern,
Chandler | * Jeff Van Skike, Phoenix (St. Trans.) |
| ✓ Kelli Kurtz, Gilbert | Jami Erickson, Phoenix (Water) |
| ✓ Tom Kaczmarowski, Glendale | * Gerald Wright, Queen Creek |
| Troy Tobiasson, Goodyear | Rodney Ramos, Scottsdale |
| Bob Herz, MCDOT | * Don Moseley, Surprise |
| | James Bond, Tempe |

ADVISORY MEMBERS

- | | |
|---|------------------------------|
| John Ashley, ACA | * Don Cornelison, ARPA |
| Amanda McGinnis for Jeff Benedict,
AGC | * Don Green, ARPA |
| Brian Gallimore, AGC | Paul R. Nebeker, Independent |
| Peter Kandarar, SRP, Vice Chairman | * William Ast, NUCA |
| | * Dale Phelan, NUCA |

MAG ADMINISTRATIVE STAFF

Gordon Tyus

- * Members not attending or represented by proxy.
- ✓ Members attending via teleconference

GUESTS/VISITORS

Jim Sterne, City of Phoenix (Water Services)
Aaron Perry, Goodyear

1. Call to Order

Chairman, Bob Herz, called the meeting to order at 1:31 p.m.

2. Approval of Minutes

The members reviewed the September 5, 2007 meeting minutes. Rodney Ramos introduced a motion to accept the minutes as written. Gordon Haws seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2007 Cases

a. **Case 07-13 – Revisions to Section 756, Fire Hydrants:** Modify Section 756 by providing performance criteria that will reduce maintenance and operation issues with fire hydrants. Jami Erickson handed out revisions and presented a summary of changes made since the last meeting based on comments provided by the members. Amanda McGinnis inquired about the feasibility of the provisions in Section 756.5 requiring manufacturers to make timely defects repairs to meet agency needs. Jim Sterne stated that most hydrant manufacturers typically perform timely hydrant repairs or have made satisfactory repair arrangements with agencies. Jami Erickson moved to vote on the case as presented. Rodney Ramos seconded the motion. A vote of 9 yes, 0 no, 1 abstention and 4 not present was recorded.

b. **Case 07-14 – Revisions to Section 505, Concrete Structures:** Modify Section 505 as requested by the supplements subcommittee to reduce the number of agency supplements to this section. Bob Herz handed out revisions and presented a summary of changes made since the last meeting. He made one additional change to include the word “compacted” before the word “layer” in the first sentence of Section 206.4.5. Gordon Haws requested that Section 505.1.1 better define major and minor structures and Section 505.6.3.3 (4) provide welding requirements for tubular structures or have more clear welding requirements for bridge deck joint assemblies. After discussion the committee agreed to include wording in Section 505.1.1 noting that other small miscellaneous structures would be as defined by the Engineer and that all other structures would be considered major structures. The committee also agreed that 505.6.3.3 (4) be removed from the section and bridge deck joint assemblies welding requirements be addressed in the future. Bob Herz moved to vote on the case as discussed. Rodney Ramos seconded the motion. A vote of 8 yes, 0 no, 3 abstentions and 3 not present was recorded.

4. General Discussion:

Jami Erickson stated that she had prepared comments for Case 07-08 (revision to Section 615.2, Sewer Line Construction) and was directed by the committee to forward those comments to Gerald Wright at Queen Creek with a copy provided to Gordon Tyus.

John Ashley announced that the supplements subcommittee will meet on Wednesday, November 7th at 1:30 pm. The meeting will be held at the MAG Office Cholla Room.

Gordon Tyus noted that comments on Case 07-02 (revisions to Sections 321 and 710, Asphalt Concrete) should be sent to him for forwarding to the Asphalt Paving Technical Committee. The Asphalt Paving Technical Committee’s next working group meeting is

scheduled for November 9th at the Arizona Rock Products Association office (916 W. Adams Street, Phoenix).

Paul Nebeker asked the committee to identify who would be providing the list of approved fire hydrant vendors now required by Case 07-13. Jami Erickson stated that each agency would prepare their own approved vendor list and that the City of Phoenix would include their list in the city's Water Services Department guidelines.

Bob Herz reported good attendance by Advisory Members during the past year.

5. Adjournment:

The meeting was adjourned at 2:02 p.m.

2008 MEETING SCHEDULE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

MAG CHOLLA ROOM – 1:30 P.M.

DATE	ACTIVITY
January 2, 2008	Committee Meeting
February 6, 2008	Committee Meeting
March 5, 2008	Committee Meeting
April 2, 2008	Committee Meeting
May 7, 2008	Committee Meeting
June 4, 2008	Committee Meeting
July 2, 2008	Committee Meeting Last meeting to submit new cases for this year.
August 6, 2008	Committee Meeting
September 3, 2008	Committee Meeting Last regular meeting
October 8, 2008	Optional Committee Meeting

Procedure for Submitting Proposed Changes to the MAG Specifications and Details Committee

1. Any MAG Specifications and Details Committee (Committee) agency member or Committee advisory member can submit a change request. The change request is made by a Committee agency member or Committee advisory member to the Committee. The requestor shall identify 1) the purpose of the change and 2) provide draft copies of the proposed Specification and/or Detail **CLEARLY SHOWING THE PROPOSED CHANGE(S)**. The proposed revision is known as a "Case for Consideration".
2. A non-Committee member may submit a proposed change through a Committee agency member or Committee advisory member or to the Chairman who will ask whether any Committee agency member or Committee advisory member is willing to sponsor the proposed change. If no sponsor is found the proposed change will not receive further consideration.
3. A copy of the proposed revision will be sent to each Committee member with the agenda packet for the next Committee meeting.
4. Each Case shall be discussed and any further changes to the Case will be reflected in Committee minutes and modifications to each Case will be reflected in subsequent agenda packets. The case sponsor shall announce his/her intention to request a vote one meeting prior to the vote.
5. A quorum of over fifty-percent of the Committee agency members shall be present and a majority vote of the Committee agency members is required for the Case to be "Recommended by the Committee". Committee advisory members will not vote on cases.
6. Cases that do not receive a majority vote shall not be resubmitted to the Committee during the following two years.
7. A case for consideration that is not voted on during the year it is introduced will receive a one-time extension to the following year.
8. A case for consideration may be withdrawn by the sponsor at any time.

LIST OF MEMBERS
For
MAG Standard Specifications and Details Committee

Page 1 of 4
December 11, 2007

AGENCY MEMBERS

CITY OF AVONDALE

Engineering Department
11465 W. Civic Center Drive, Suite 120
Avondale, Arizona 85323-6804

Jim Badowich
Phone: (623) 478-3273
Fax: (623) 478-3812
E-mail: jbadowich@avondale.org

TOWN OF BUCKEYE

Public Works Department
100 North Apache, Suite A
Buckeye, AZ 85326

Steven Borst, P.E.
Phone: (623) 349-6803
FAX: (623) 349-6850
E-mail: sborst@buckeyeaz.gov

CITY OF CHANDLER

Public Works Department
Mail Stop 411
P.O. Box 4008
Chandler, Arizona 85244-4008

David Fern, P.E.
Phone: (480) 782-3499
FAX: (480) 782-3330
E-mail: david.fern@ci.chandler.az.us

CITY OF EL MIRAGE

P.O. Box 26
El Mirage, AZ 85335

Chris Young
Phone: (623) 876-2972
FAX: (623) 876-4603
E-mail: cyoung@cityofelmirage.org

TOWN OF GILBERT

90 E. Civic Center Dr.
Gilbert, Arizona 85296

Kelli Kurtz
Phone: (480) 503-6848
FAX: (480) 497-4923
E-mail: kelli.kurtz@ci.gilbert.az.us

CITY OF GLENDALE

Engineering Department
5850 West Glendale Avenue
Glendale, Arizona 85301

Tom Kaczmarowski
Phone: (623) 930-3623
FAX: (623) 930-3630
E-mail: tkaczmarowski@glendaleaz.com

CITY OF GOODYEAR

Engineering Department
195 N. 145th Avenue, Building D
Goodyear, Arizona 85338

Troy Tobiasson
Phone: (623) 882-7979
FAX: (623) 882-7949
E-mail:

**MARICOPA COUNTY DEPARTMENT OF
TRANSPORTATION**

2901 West Durango
Phoenix, Arizona 85009-6357

Bob Herz
Phone: (602) 506-4760
FAX: (602) 506-5969
E-mail: rherz@mail.maricopa.gov

LIST OF MEMBERS
For
MAG Standard Specifications and Details Committee

Page 2 of 4
December 11, 2007

MARICOPA COUNTY
ENVIRONMENTAL SERVICES
DEPARTMENT

1001 N. Central Avenue, Suite 150
Phoenix, Arizona 85004

VACANT

Phone: (602) 506-6672

FAX: (602) 506-6925

e-mail:

CITY OF MESA

Engineering Design Division
20 E. Main Street, Suite 500
Mesa, Arizona 85211-1466

Gordon Haws

Phone: (480) 644-4254

FAX: (480) 644-3392

E-mail: gordon.hass@cityofmesa.org

CITY OF PEORIA

Engineering Department
8401 West Monroe Street
Peoria, Arizona 85345

Jesse Gonzales

Phone: (623) 773-7548

FAX: (623) 773-7211

E-mail: jesse.gonzales@peoriaaz.gov

CITY OF PHOENIX

Water Services Department
200 W. Washington Street, 8th Floor
Phoenix, Arizona 85003

Jami Erickson

Phone: (602) 261-8229

FAX: (602) 495-5843

E-mail: jami.erickson@phoenix.gov

CITY OF PHOENIX

Street Transportation Department
200 W. Washington Street, 5th Floor
Phoenix, Arizona 85003-1611

Jeff Van Skike, P.E.

Phone: (602) 256-4335

FAX: (602) 495-2016

E-mail: j.vanskike@phoenix.gov

TOWN OF QUEEN CREEK

Public Works
22350 S. Ellsworth Road
Queen Creek, Arizona 85242-9311

Gerald Wright

Phone: (480) 358-3152

FAX: (480) 358-3189

E-mail: Gerald.Wright@queencreek.org

CITY OF SCOTTSDALE

9191 E. San Salvador Drive
Scottsdale, Arizona 85258

Rodney Ramos, P.E.

Phone: (480) 312-5641

FAX: (480) 312-5539

E-mail: rrosos@scottsdaleAZ.gov

CITY OF SURPRISE

12425 W. Bell Road, Suite B205
Surprise, Arizona 85374-9002

Don Moseley

Phone: (623) 875-4268

FAX: (623) 583-0721

E-mail: Don.Moseley@surpriseaz.com

CITY OF TEMPE

Public Works Department
P.O. Box 5002
31 E. 5th Street
Tempe, Arizona 85280

James E. Bond

Phone: (480) 350-8897

FAX: (480) 350-8591

E-mail: jim_bond@tempe.gov

ADVISORY MEMBERS

LIST OF MEMBERS
For
MAG Standard Specifications and Details Committee

Page 3 of 4
December 11, 2007

ASSOCIATIONS:

ARIZONA CEMENT ASSOCIATION:

11225 N. 28th Dr. D112

Phoenix, Arizona 85029

Phone: (602) 952-1871 FAX: (602) 952-1829

Attn: John F. Ashley

Phone: (480) 892-9064

491 N. 159th Pl.

Gilbert, AZ 85234

E-mail: dotsplace491@yahoo.com

ARIZONA ROCK PRODUCTS ASSOCIATION

1825 W. Adams, Phoenix, Arizona 85007

Phone: (602) 271-0346 FAX: (602) 252-5870

Rinker Materials

P.O. Box 52140

Phoenix, AZ 85072

Don Green or Adrian Green

Phone: (602) 220-5633

FAX: (602) 220-5348

E-mail: dgreen@rinker.com

Speedie & Associates

3331 E. Wood Street

Phoenix, AZ 85040

Don Cornelison

Phone: 602-997-6391

FAX: 602-943-5508

E-mail: dcornelison@speedie.net

ASSOCIATED GENERAL CONTRACTORS:

1825 W Adams Street, Phoenix, Arizona

Phone: (602) 252-3926

WSP, Inc.

22822 19th Avenue

Phoenix, Arizona 85027

Brian Gallimore

Phone: (623) 434-5050

FAX: (623) 434-5059

E-mail: bgallimore@wspinc.net

Sunland Asphalt

3002 S. Priest Dr. #100

Tempe, AZ 85282

Jeff Benedict

Phone: (602) 288-5055

FAX: (602) 323-2828

E-mail: jeffb@sunlandasphalt.com

NATIONAL UTILITY CONTRACTORS ASSOCIATION OF ARIZONA:

4415 S. Wendler Drive Suite #103, Tempe, Arizona 85282

Phone: (602) 431-9114 FAX: (602) 431-9118

LIST OF MEMBERS
For
MAG Standard Specifications and Details Committee

Page 4 of 4
December 11, 2007

Advance Drainage Systems, Inc.
4581 E. Chuckwalla Canyon
Phoenix, AZ 85044

Dale Phelan
Phone: (602) 923-1212
Fax: (602) 923-1971
Mobile: (480) 206-7143
E-mail: dale.phelan@ads-pipe.com

Northwest Pipe Company
891 E. Warner Road, Suite 100 - PMB #208
Gilbert, AZ 85296

William Ast
Phone: (480) 252-6949
FAX: (480) 588-5539
E-mail: wast@nwpipe.com

PUBLIC UTILITIES:

SALT RIVER PROJECT
P.O. Box 52025
Mail Station XCT317
Phoenix, Arizona 85072

Peter Kandarlis
Phone: (602) 236-8613
FAX: (602) 236-8640
E-mail: pmkandar@srpnet.com

INDEPENDENT:

PIPE RIGHT NOW, LLC.
P. O. Box 6642
Glendale, Arizona 85312

Paul R. Nebeker
Phone: (623) 979-5154
FAX: (623) 878-4484
E-mail: pnebeker@cox.net

MAG ADMINISTRATIVE STAFF

**MARICOPA ASSOCIATION
of GOVERNMENTS**
302 N. 1st Avenue, Suite 300
Phoenix, Arizona 85003

Gordon Tyus
Phone: (602) 452-5035
FAX: (602) 254-6490
E-Mail: gtysus@mag.maricopa.gov

MAG Specification & Detail Committee VOTING SUMMARY for 2007

Case No.	Title – Section/Detail	Vote Date	Avondale	Buckeye	Chandler	Gilbert	Glendale	Goodyear	Maricopa County	Mesa	Peoria	Phoenix	Scottsdale	Surprise	Tempe	Queen Creek	Voting Summary Y-N-A-NP
06-04	Reduce cement content requirement for RCP section 735.4 (C)	9/05/2007	—	Y	Y	Y	—	Y	Y	N	N	Y	Y	Y	Y	—	9-2-0-3
07-01	Miscellaneous Bloopers Case A – Correct Catch Basin wall thickness in detail 535.	8/01/2007	Y	—	Y	—	Y	—	Y	—	Y	Y	—	—	Y	Y	8-0-0-6
07-01	Miscellaneous Bloopers Case B – Detail 222, Correct Type A formed height.	8/01/2007	Y	—	Y	—	Y	—	Y	—	Y	Y	—	—	Y	Y	8-0-0-6
07-01	Miscellaneous Bloopers Case C – Section 105.5, Correct wording in first sentence.	8/01/2007	Y	—	Y	—	Y	—	Y	—	Y	Y	—	—	Y	Y	8-0-0-6
07-01	Miscellaneous Bloopers Case D – Detail 510, Correct metric dimension to U.S. customary units.	8/01/2007	Y	—	Y	—	Y	—	Y	—	Y	Y	—	—	Y	Y	8-0-0-6
07-02	Revision/ Re-Write Section 710 & Section 321		Case to be continued in 2008.														
07-03	PVC Catch Basins - New Details 535-2, 535-3, 537-2, 539-2, 542-1 through 4, and 543-1 through 5.		Case to be continued in 2008.														
07-04	Section 631.3.5 Service Taps – Revise dielectric insulator requirements.	9/05/2007	—	Y	Y	Y	—	Y	A	Y	Y	N	A	Y	Y	—	8-1-2-3
07-05	* Detail 360 – Revise to allow restrained joints.	9/05/2007	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	—	12-0-0-2

Voting Abbreviations: Y: Yes N: No A: Abstain — : Not Present (NP)

Page 1 of 2

*: Indicates changes made to proposal prior to vote.

Case No.	Title – Section/Detail	Vote Date	Avondale	Buckeye	Chandler	Gilbert	Glendale	Goodyear	Maricopa County	Mesa	Peoria	Phoenix	Scottsdale	Surprise	Tempe	Queen Creek	Voting Summary Y-N-A-NP
07-06	* Revision to Section 104 Scope of Work	9/05/2007	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	13-0-0-1
07-07	Revision to Section 109 Measurements and Payments	8/01/2007	Y	—	Y	—	Y	—	Y	—	Y	Y	—	—	Y	Y	8-0-0-6
07-08	Revision to Section 615 Sewer Line Construction – Clarify tolerances for pipe slope versus trench bottom.		Case to be continued in 2008.														
07-09	* Detail 145, Safety Rail – Adding reinforcement requirement for anchor types 1, 2 and 3.	9/05/2007	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	13-0-0-1
07-10	Deletion of Obsolete or Unused Details <ul style="list-style-type: none"> Delete Type ‘C’ from Detail 201 Pavement Section at Termination. Delete the Curb Warning Beacon from Detail 221 Curb and Gutter 	9/05/2007	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	13-0-0-1
07-11	Revision to Detail 370, Vertical Realignment of Water Mains		Case to be continued in 2008.														
07-12	Revision to Detail 404-2, Water & Sanitary Sewer Separation/Protection		Case to be continued in 2008.														
07-13	* Revision to Section 756 Fire Hydrants	9/05/2007 10/03/2007	Y Y	A Y	Y Y	A Y	A Y	A —	A A	Y Y	Y —	Y Y	A Y	Y —	A Y	— —	6-0-7-1 9-0-1-4
07-14	* Revision to Section 505 Concrete Structures, plus adjustments to sections 101.2, 105.2, and 206.	10/03/2007	A	Y	Y	Y	Y	Y	Y	Y	—	A	Y	—	A	—	8-0-3-3

Voting Abbreviations: Y: Yes N: No A: Abstain — : Not Present (NP)

Page 2 of 2

*: Indicates changes made to proposal prior to vote.

MEETING NOTES FROM THE
MARICOPA ASSOCIATION OF GOVERNMENTS
SPECIFICATIONS AND DETAILS INVENTORY WORKING GROUP

November 7, 2007

Maricopa Association of Governments Office, Cholla Room
302 North First Avenue
Phoenix, Arizona

MEMBERS ATTENDING

John Ashley, ACA, Chair
Steven Borst, Buckeye
David Fern, Chandler
Gordon Haws, Mesa
Bob Herz, MCDOT
Jesse Gonzalez, Peoria
Paul R. Nebeker, Independent
Jeff Van Skike, Phoenix (St. Trans.)

MEMBERS NOT IN ATTENDANCE

Brian Gallimore, AGC
Tom Kaczmarowski, Glendale
Rodney Ramos, Scottsdale

MAG ADMINISTRATIVE STAFF

Gordon Tyus

1. Call to Order

Working Group Chairman, John Ashley, began the meeting at 1:30 p.m.

2. Review of Progress

Mr. Ashley provided an agenda with list of assignments to attendees. The first part of the list covered areas where many supplements to the MAG Details and Specs have been made. He suggested that the city with the most supplements review them and try to create a case to include them in the MAG Specifications and Details book.

The second part of the list broke down those supplements where only one city or jurisdiction had made changes and organized them by jurisdiction. It was again suggested that each city look at their individual supplements and if they thought could be useful for the region to consider submitting it as a case. A summary of the status and discussion of these items is provided in **attachment one**. In it members provided updates to the status of the work they have done, and provided feedback on items they are planning to work on and submit as cases next year.

3. General Discussion

General discussions were held about how individual cities can review their supplements and focus on items that could be added or revised in the MAG specs. Mr. Skike said that most of Phoenix's supplements were added because they felt MAG's were too general. He also felt that those reviewing them at the city may not know the original intent of the change to MAG specs. Mr. Tyus noted that the agencies have the expertise to make the updates and the MAG process is used to help standardize them. Mr. Borst stressed the importance of updating the MAG specs because smaller communities and towns throughout the state use them, and do not necessarily have staff to write their own supplements.

There was also discussion about prioritizing which supplements should be worked on and submitted as cases. Items identified as high priority included: updating the sidewalk ramps and driveways to be ADA compliant, continuing work on the asphalt specs, updating the concrete specs, and adding specs for microseal and rubberized asphalt.

Also it was discussed that scheduling votes earlier in the year and providing notification ahead of time would help move the review and approval process forward more quickly in the full committee meetings.

4. Adjournment

After completing the review of the assignments, Mr. Ashley adjourned the meeting.

ATTACHMENT ONE

MAG SPECIFICATIONS AND DETAILS INVENTORY WORKING GROUP SUMMARY OF STATUS ON SUPPLEMENT ASSIGNMENTS 11/07/07

Part 1: Areas with multiple supplements to the MAG Specifications and Details

A. Details

Detail	Title	Assigned	Status
200	Backfill Pavement and Surface Replacement <i>Mr. Kandarlis was not in attendance. Mr. Ashley said he would contact him individually.</i>	Peter Kandarlis	Unknown

Detail	Title	Assigned	Status
210	Residential Speed Hump <i>Mr. Gonzales said he was working with the Phoenix detail and adding specs from MUTC. He said there are a lot of differences between types of speed humps. Discussion included how they effect water run-off and use by emergency vehicles. Reducing speed through law enforcement rather than speed humps was also suggested.</i>	Jesse Gonzales	40% complete

Detail	Title	Assigned	Status
234	Sidewalk Ramp, Type D	Full Committee	Work begun
250	Driveway Entrances	Full Committee	
251	Return Type Driveways <i>Mr. Herz said that updating these details was a very high priority in order for them to be APA compliant. He also asked if other cities had a problem using 5' rather than 4' sidewalks. Several cities still use 4' sidewalks, especially in higher density development. Mr. Gonzales said that he has begun modifying the Phoenix ramp detail, including removing the scoring which is not necessary. Additional discussion included city plans for addressing ADA issues. Mr. Gonzales agreed to continue working on the detail.</i>	Full Committee	

Detail	Title	Assigned	Status
252	Bus and Parking Bays <i>Mr. Ramos was not in attendance.</i>	Rod Ramos	Unknown

Detail	Title	Assigned	Status
other	Details not included in MAG <i>Mr. Fern described his progress in reviewing details not in the MAG book. He said he has two details ready to submit as cases next year, and showed the tanker truck detail as an example. He said he was working on two more, including a sign post detail.</i>	David Fern	In Progress

B. Specifications

Spec	Title	Assigned	Status
301	Subgrade Preparation <i>Mr. Gallimore was not in attendance.</i>	Brian Gallimore	TBD

Spec	Title	Assigned	Status
321	Asphalt Concrete Pavement <i>This case was carried forward to 2008. Members were reminded of the Asphalt Specification Working Group meeting at ARPA November 9 at 11:30 a.m.</i>	Brian Gallimore	Case 07-02

Spec	Title	Assigned	Status
336	Pavement Matching & Surface Replacement	Peter Kandararis	TBD
342	Decorative Pavement	Rod Ramos	TBD
440	Sprinkler Irrigation Installation <i>Members working on these specifications were not in attendance to provide updates.</i>	Tom K.	TBD

Spec	Title	Assigned	Status
505	Concrete Structures <i>This case was approved and will be included in the 2008 update.</i>	Bob Herz	Case 07-14

Spec	Title	Assigned	Status
506	Precast Concrete Members <i>Mr. Herz said he would look at this section.</i>	Bob Herz	TBD

Spec	Title	Assigned	Status
601	Trench Excavation	Nebeker,Gonzales	Under Review
610	Water Line Construction	Nebeker,Gonzales	
623	Manhole Construction	Nebeker,Gonzales	
630	Tapping Sleeves, Valves, Boxes etc.	Nebeker,Gonzales	Case for 2008
631	Water Taps and Meter Service <i>Mr. Nebeker said he reviewed these sections and felt it would be a pretty overwhelming task to sort everything out. He noticed that many of the supplements had the same language as in MAG, and that some parts could just be removed from the supplements. He suggested that the 600 section might need a complete rewrite done in a process similar to the rewrite of 321 and 710. Mr. Borst asked about problems with high ground water when excavating. Mr. Nebeker described some options. Members also discussed the changes in the law regarding service connections. A case addressing section 630 is planned for next year.</i>	Nebeker,Gonzales	

Spec	Title	Assigned	Status
710	Asphalt Concrete Pavement Materials <i>See section 321.</i>	Don Green	Case 07-02

Part 2: MAG Specifications and Details where supplements are made by a single Jurisdiction. (* Sections not in MAG Specifications)

A. Scottsdale (Rod Ramos)

Spec	Title	Status
103	Awards and Execution of Contract	TBD
343	Exposed Aggregate Paving	
345	Adjusting Frames, Covers, Valve Boxes and Water Meters	
360	Telecommunication Installation	
405	Monuments	
403 *	Traffic Signalization	
611	Disinfecting Water Mains	
619 *	Precast Reinforced Concrete Box Sections	
620	Cast-in-place Concrete Pipe	
621	Corrugated Metal Pipe and Arches	
715	Slurry Seal Materials	
737	Asbestos-Cement Pipe and Fittings	
745	PVC Sewer Pipe and Fittings	
Details		
201	Pavement Section at Termination	
221	Curb and Gutter (Transition, Integral and Warning Beacon) <i>Mr. Ramos was not in attendance to provide an update.</i>	Rev. 01-01-07

B. Maricopa County (Bob Herz)

Spec	Title	Status
108	Commencement, Prosecution and Progress	TBD
202	Removal of Structures	
205	Roadway Excavation	
206	Structure Excavation and Backfill <i>(Approved as part Case 07-14)</i>	Completed
211	Fill Construction	Postpone
215	Earthwork for Open Channels <i>Discussion on whether retention basins should be added. Mr. Borst questioned whether items outside of the right-of way should be included in MAG specs. Mr. Herz and Mr. Haws said that sometimes jurisdictions own the areas where used.</i>	
220	Rip Rap Construction	Postpone
308 *	Lime Slurry with Fly Ash Stabilization Not used much anymore.	
315	Bituminous Prime Coat	
325 *	Asphalt Rubber Concrete <i>Members agreed that with the more common use of Asphalt Rubber, a section on This material should be added to the MAG specs.</i>	Case for 2008
333	Fog Seal Coats	

416 *	Guardrail End Treatment	
502	Drilled Shaft Foundations	Case for 2008
	<i>Mr. Herz asked members if they would like to add Maricopa County 502 for Drilled Shaft Foundations to the MAG specs. A couple members said they have upcoming bridge projects where it may be useful, so he said he would look at adding Maricopa County's supplement.</i>	
507 *	Water-repellent Penetration Stain	Remove?
	<i>Mr. Herz said this specification was not used frequently and might be removed and added as a special provision when necessary.</i>	
727	Steel Reinforcement	Review

C. Phoenix (Jeff Van Skike)

Spec	Title	Status
210	Burrow Excavation	
312	Cement Treated Base	
351 *	Traffic Signals	Do not include
	<i>Mr. Van Skikes said cities have so many different specifications and preferences for traffic signals and that cities would never agree on one standard. Other members agreed not to add traffic signals to the MAG specs.</i>	
361 *	Microsurfacing/Microseal	Begin Work
	<i>Members agreed that adding this section to MAG would be beneficial. Mr. Van Skikes said they modified specifications from ADOT. It was also mentioned that this may include changes form the slurry seal spec.</i>	
425	Top Soil	
520	Steel and Aluminum Hand Rails	
604	Placement and Control Low Strength Material	
622 *	High Density Polyethylene Pipe	Review
	<i>Members agreed that HDPE should be in the MAG specs. Mr. Van Skikes said Phoenix had problems with Joints failing. Mr Haws said Mesa has used it for large diameter sewer pipe, but defer to other standards. Mr. Herz asked about fire safety, and Mr. Van Skikes said they require the ends to be concrete. Mr. Nebeker described the difficulty in fitting HDPE pipe together, because it tends to flex.</i>	
702	Base Material	
705	Portland Cement Treated Base	
735	Reinforced Concrete Pipe	
750	Iron Water Pipe and Fittings	
757	Sprinkler Irrigation System	
758	Concrete Pressure Pipe Steel Cylinder Type	
787	Gray Iron Casting	

D. Mesa (Gordon Haws)

<u>Spec</u>	<u>Title</u>	<u>Status</u>
322	Asphalt Concrete Overlay	TBD
329	Tack Coat	
709	Reclaimed Asphalt Pavement	
727	Asphalt Rubber	See MC 325
718	Preservative Seal for Asphalt Concrete	
772	Chain Link Fence	
<i>Mr. Haws had to leave the meeting before he could give an update on the status of Mesa's supplements.</i>		

E. Tempe

<u>Spec</u>	<u>Title</u>	<u>Status</u>
334	Preservation Seal for Asphalt Concrete	See Mesa 718

D. Chandler (David Fern)

<u>Spec</u>	<u>Title</u>	<u>Status</u>
616	Reclaimed Water Line Construction	Under Review
Detail		
203	Scuppers	
<i>David Fern said he would review these supplements.</i>		